RISC PC

Data Sheet 16
17" SVGA Multiscan PowerSystem Monitor

April 1994

The 17" SVGA Multiscan PowerSystem Monitor exploits the advantages given by the architecture of the new Risc PC.

Its screen size of 17" and small dot pitch (0.27 mm - amongst the smallest in its class) make it ideal for desktop publishing as well as any other application requiring a wide screen and a crisp, sharp image.

An LCD display in the front panel allows the user to control the different settings available (up to 15 modes selectable). The control panel allows the normal adjustments (brightness, contrast, vertical and horizontal size/position) as well as the more specific ones a professional user could need (pincushion, Degauss, barrel, trapezoid, etc).
Its robust, polycarbonate-made case is fully recyclable. This monitor complies with MRP II certification and the EEC Display Screen Directive. It is manufactured by Dutch giant Philips Electronics.

Acorn

Specification - AKF85 SVGA Multiscan PowerSystem Monitor

General

Acorn monitor type:	High Resolution 17" monitor
Nominal screen size:	17"
Phosphor dot matrix pitch:	0.27 mm
Surface treatment:	Anti-glare, anti-reflection, antistatic coating

Mains input

Mains input voltage/frequency:	110-240V AC/47-63Hz
Mains input connection:	1mt cable with IEC 320 connector for direct connection to computer

Safety approvals

	EN60950 including all national variants
	EEC Low Voltage Directive 72/73/EEC
	PTB
	20780 Class B
EMC approval:	EN55022 (CISPR22) Class B
	89/336/EEC (EMC Directive)
Other approvals:	EEC Display Screen Directive 90/270/EEC
	EN29241
	MPR II
	ISO 9241-3

Scanning

Horizontal frequency:	30-82kHz
Vertical frequency:	50-120 Hz
Switching time between modes:	<2 sec

Video

Input type:	Analogue RGB, BNC (5 input sockets)
Input level:	0.7 to 1.0V
Synch input level:	TTL H, HV and V
Input impedance:	75 ohms
Input connection:	1m video cable with 15-way 'D' type connector

User controls

On/Off
Horizontal size and position
Vertical size and position
Side pincushion/barrel and trapezoid
Degauss
Brightness
Contrast
15 user-programmable modes
Auto resizing
BNC/D-shell input selector
LCD display

Physical

Nominal screen area:	315 x 232 mm
Positional adjustment:	Integral tilt and swivel base
Dimensions (H/W/D):	425/422/440 mm
Weight:	21 kg
Packaged dimensions (H/W/D)	520/590/620 mm
Picture centring:	±2 mm max
Misconvergence (centre/corner):	0.3/0.4 mm max
Linearity:	5% max
Colour:	Pantone Cool Grey

Reliability

MTBF:	50,000 hours (excluding tube)

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APP 690 FIRST EDITION APRIL 1994.